

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K38/20 A61P37/00 A61P33/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, PAJ, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SUTO AKIRA ET AL: "Interleukin 21 prevents antigen-induced IgE production by inhibiting germ line Cepsilon transcription of IL-4-stimulated B cells." BLOOD, [Online] vol. 100, no. 13, 1 August 2002 (2002-08-01), pages 4565-4573, XP002270578 ISSN: 0006-4971 Retrieved from the Internet: <URL:http:www.bloodjournal.org/cgi/content/full/100/13/4565> [retrieved on 2004-02-19] last paragraph in the discussion "it is suggested that il-21 itself or the mimic of il-21 signaling may be useful for the treatment of allergic diseases	1-3,6-8, 11-13
A	---	4,5,9,10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

17 February 2004

Date of mailing of the international search report

- 3. 03. 2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/I 13/00691

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 53761 A (ZYMOGENETICS INC) 14 September 2000 (2000-09-14) claim 30	1,4-6, 9-13
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P,X	WO 03 028630 A (DONALDSON DEBRA D ;LOWE LESLIE D (US); WITEK JOANN S (US); WYETH () 10 April 2003 (2003-04-10) the whole document	1-13
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E	WO 03 087320 A (MOLL THOMAS ;STROM TERRY B (US); ZHENG XIN XIAO (US); BETH ISRAEL) 23 October 2003 (2003-10-23) the whole document	1,6, 11-13
X	---	
X	WO 99 61617 A (HUMAN GENOME SCIENCES INC ;EBNER REINHARD (US); RUBEN STEVEN M (US) 2 December 1999 (1999-12-02) page 76, lines 15-34 (allergic and autoimmune diseases) and page 76 lines 15-24 (parasitic agent)	1-13
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A	WO 02 10393 A (LUDWIG INST CANCER RES) 7 February 2002 (2002-02-07) the whole document -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/1 03/00691

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